

MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
AIR QUALITY TECHNICAL ADVISORY COMMITTEE MEETING

Monday, November 24, 2003
MAG Office
Phoenix, Arizona

MEMBERS PRESENT

Stephen Cleveland, City of Goodyear, Chairman
Avondale: Michael Powell
*Buckeye: Carroll Reynolds
Chandler: Cynthia Young for Jim Weiss
*Gilbert: Tami Ryall
Glendale: Doug Kukino
Mesa: Scott Bouchie for Christine Zielonka
Phoenix: Joe Gibbs for Gaye Knight
#Scottsdale: Larry Person
*Surprise: Jerry Huston
Tempe: Oddvar Tveit
*Citizen Representative: Walter Bouchard
*Arizona Lung Association: Bill Pfeifer
Salt River Project: Chris Janick
Southwest Gas Corporation: Brian O'Donnell
Arizona Public Service Company: Jim Mikula
#Western States Petroleum Association: Gina Grey
Valley Metro: Randi Alcott for Bryan Jungwirth
*Arizona Motor Transport Association: Dave Berry
*Maricopa County Farm Bureau: Jeannette Fish
Arizona Rock Products Association: Steve Trussell
for Rusty Bowers
*Greater Phoenix Chamber of Commerce: Michelle Rill

Associated General Contractors: Amanda McGennis
*Homebuilders Association of Central Arizona:
Connie Wilhelm-Garcia
*American Institute of Architects - Central Arizona:
Stephen J. Andros
Valley Forward: Mannie Carpenter for Peter Allard
University of Arizona - Cooperative Extension:
Patrick Clay
Arizona Department of Transportation: Mark
Wheaton for Pat Cupell
Arizona Department of Environmental Quality:
Peter Hyde
Maricopa County Environmental Services
Department: Jo Crumbaker
Arizona Department of Weights and Measures:
Duane Yantorno
Federal Highway Administration: Ed Stillings for
Dennis Mittelstedt
*Arizona State University: Judi Nelson
*Salt River Pima-Maricopa Indian Community:
B. Bobby Ramirez
*Citizen Representative: David Rueckert

*Members neither present nor represented by proxy.
#Participated via telephone conference call.

OTHERS PRESENT

Lindy Bauer, Maricopa Association of Governments
Dean Giles, Maricopa Association of Governments
Julie Kicksey, Maricopa Association of
Governments
Cathy Arthur, Maricopa Association of Governments
Ruey-in Chiou, Maricopa Association of
Governments
Mary Jo Pitzl, Arizona Republic

Jean Parkinson, Pinal County Air Quality Control
District
Carolyn Novak, Stevens & Stevens, P.C.
Kelly McMullen, Maricopa County Department of
Transportation
Bruce Friedl, Arizona Department of Environmental
Quality
Laura Tsosie, Arizona Department of Transportation

1. Call to Order

A meeting of the MAG Air Quality Technical Advisory Committee was conducted on November 24, 2003. Stephen Cleveland, City of Goodyear, Chairman, called the meeting to order at approximately 1:40 p.m. Larry Person, City of Scottsdale, and Gina Grey, Western States Petroleum Association, attended the meeting via telephone conference call.

2. Call to the Audience

Mr. Cleveland stated that according to the MAG public comment process, members of the audience who wish to speak are requested to fill out comment cards, which are available on the table adjacent to the doorway inside the meeting room. Citizens are asked not to exceed a three minute time period for their comments. Public comment is provided at the beginning of the meeting for nonagenda items and nonaction agenda items. Mr. Cleveland noted that no public comment cards had been received.

3. Approval of the September 18, 2003 Meeting Minutes

The Committee reviewed the minutes from the September 18, 2003 meeting. Randi Alcott, Valley Metro, moved and Steve Trussell, Arizona Rock Products Association, seconded and the motion to approve the September 18, 2003 meeting minutes carried unanimously.

4. Finding of Conformity for the Draft Special FY 2004-2007 MAG Transportation Improvement Program and Draft MAG Regional Transportation Plan

Lindy Bauer, Maricopa Association of Governments, gave a presentation on the Draft 2003 Conformity Analysis for the Draft Special FY 2004-2007 MAG Transportation Improvement Program (TIP) and Draft MAG Regional Transportation Plan (RTP). She discussed air quality conformity, air quality plans with EPA approved emissions budgets, and conformity requirements. Mr. Bauer indicated that the Draft Special FY 2004-2007 MAG TIP and RTP meet all applicable federal conformity requirements and are in conformance with the applicable air quality plans. An example of a motor vehicle emissions budget from the Revised MAG 1999 Serious Area Particulate Plan for PM-10 was presented. In addition, the transportation control measure funding and the results of the conformity budget tests for PM-10, Carbon Monoxide, and Ozone (Volatile Organic Compounds or VOCs) were presented. She also provided a conformity schedule.

Cathy Arthur, Maricopa Association of Governments, reviewed the response to public comments on the Draft 2003 MAG Conformity Analysis for the Draft Special FY 2004-2007 MAG TIP and RTP received at the November 21, 2003 public hearing. Testimonies were presented at the public hearing by Dianne Barker and Paul Hollar. In addition, written comments were submitted from the Arizona Center for Law in the Public Interest. Comments were also received from William "Blue" Crowley at the MAG Management Committee meeting on November 5, 2003. Ms. Arthur gave a brief response to the comments received. The comments and responses discussed by Ms. Arthur were distributed to the Committee.

Peter Hyde, Arizona Department of Environmental Quality, referred to the PM-10 Results for Conformity Budget Test chart in the presentation. He inquired about the decreasing emissions given

the increase in vehicle miles traveled. Mr. Hyde suggested including tables with the emission factors in the 2003 Draft Conformity Analysis. He also commented that PM-10 certified street sweeper information was not included in the document. Ms. Bauer responded that it is included in the Technical Support Document. Ms. Arthur added that the PM-10 certified street sweeper information was provided to MAG by the cities.

Brian O'Donnell, Southwest Gas Corporation, commented that the Arizona Center for Law in the Public Interest seemed unaware of the fact that the MAG trip generation models were re-calibrated in 2001 and asked how informed the Center is. Ms. Arthur replied that the Center may not have all of the details and are probably not familiar with how the models work, but all of the information is documented.

Michael Powell, City of Avondale, referred to the Transportation Control Measure Funding chart in the presentation and expressed appreciation for the financial aspect. He asked if it is possible to demonstrate the changes that occur from year to year in financial terms. Mr. Powell also inquired about the use of the Trip Reduction Survey in determining the trip rates per household. Ms. Arthur responded that MAG used a traffic count to determine if volumes are consistent, street by street. In addition, the new home interview survey was conducted in 2001.

Mr. Powell commented on traffic flow to new centers for employment and asked if this could be a mitigation factor. Ms. Arthur replied that a land use study would provide information on traffic flow to new centers for employment. Mr. Powell commented on the dispersion due to traffic flowing to different areas.

Ms. Alcott inquired about a budget for the new eight-hour ozone standard. Ms. Arthur replied that currently there is no budget for the new eight-hour ozone standard. She mentioned that EPA will be designating nonattainment areas for the new standard in April 2004. After designation, Arizona will then have one year to develop a budget. Ms. Arthur added that Arizona may have to show that VOC emissions are less than those in 2002. Doug Kukino, City of Glendale, made a motion to approve the Draft 2003 Conformity Analysis for the Draft Special FY 2004-2007 MAG Transportation Improvement Program and Draft MAG Regional Transportation Plan. Mr. Powell seconded, and the motion carried unanimously.

5. Ozone Redesignation Request and Maintenance Plan

Ms. Bauer gave a status report on the Ozone Redesignation Request and Maintenance Plan. Since the last meeting, MAG has received new information regarding power plant emissions and the status of some of the Maricopa County rules to control volatile organic compounds. The power plant emissions that were being used in the emissions inventory were "Potential to Emit" emissions, which have now been corrected. The Maricopa County VOC reasonably available control technology (RACT) rules encountered some problems and were removed from the maintenance plan. These changes resulted in a remodeling effort for the maintenance plan, and attainment was still demonstrated. However, EPA is still requiring the implementation of VOC RACT rules before redesignating the region to attainment. Ms. Bauer mentioned that Jo Crumbaker, Maricopa County Environmental Services Department, is working with EPA on this issue.

Ms. Bauer stated that EPA provided clarification on the NOx budget. The NOx waiver will stay in place until it is removed by EPA. She added that the goal is to have the maintenance plan available in February 2004 for the 30 day public review. Ms. Crumbaker commented that there have been a series of issues with the rules and that commitments are needed from the Board of Supervisors. She added that some rules are held to California standards which makes the process challenging.

Mr. Hyde commented that he has reviewed the maintenance plan's technical analysis and is pleased with the document. Joe Gibbs, City of Phoenix, inquired about when the NOx waiver would be removed. Ms. Bauer replied that there is no mandatory deadline for removing the NOx waiver. The NOx RACT would be in excess of what is needed to attain the standard. After approval of the maintenance plan, the waiver may be removed. She added that EPA may revoke the one-hour standard and lift the NOx waiver concurrently. Mr. O'Donnell commented that small sources do not have a NOx waiver and that when reviewing the eight-hour standard, all sources should be considered.

6. EPA Determination of Attainment for the Carbon Monoxide Standard

Ms. Bauer provided the Committee with an update on the EPA determination of attainment for the carbon monoxide standard. Based upon air quality monitoring data, there have been no violations of the carbon monoxide standard since 1996. She indicated that on September 22, 2003, EPA published an official determination of attainment for carbon monoxide for this region in the *Federal Register*. A copy was provided to the Committee.

7. Call for Future Agenda Items

Mr. Cleveland announced that the next meeting of the Committee, December 4, 2003, has been canceled. He noted that the schedule for the 2004 Air Quality Technical Advisory Committee will be distributed to the Committee in December.